

# 4

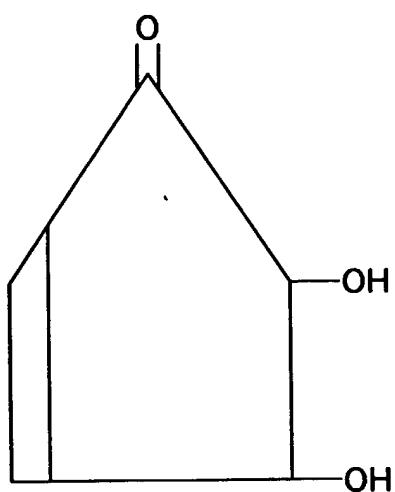


FIG. I

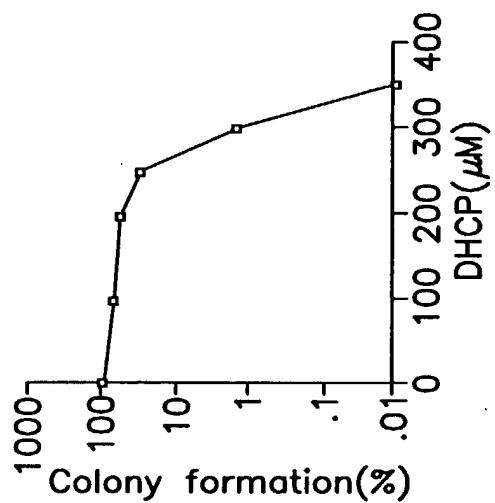


FIG. 2B

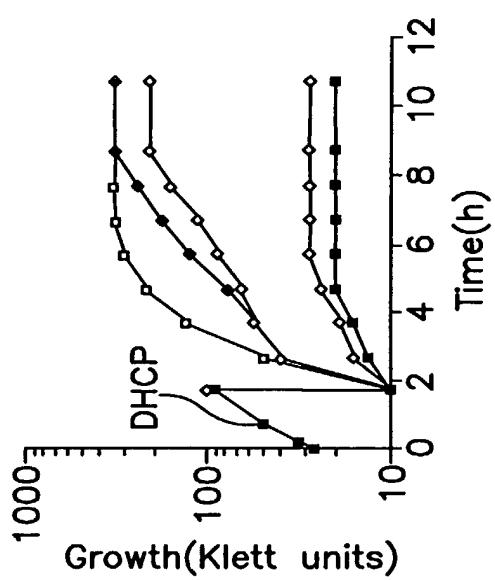


FIG. 2A

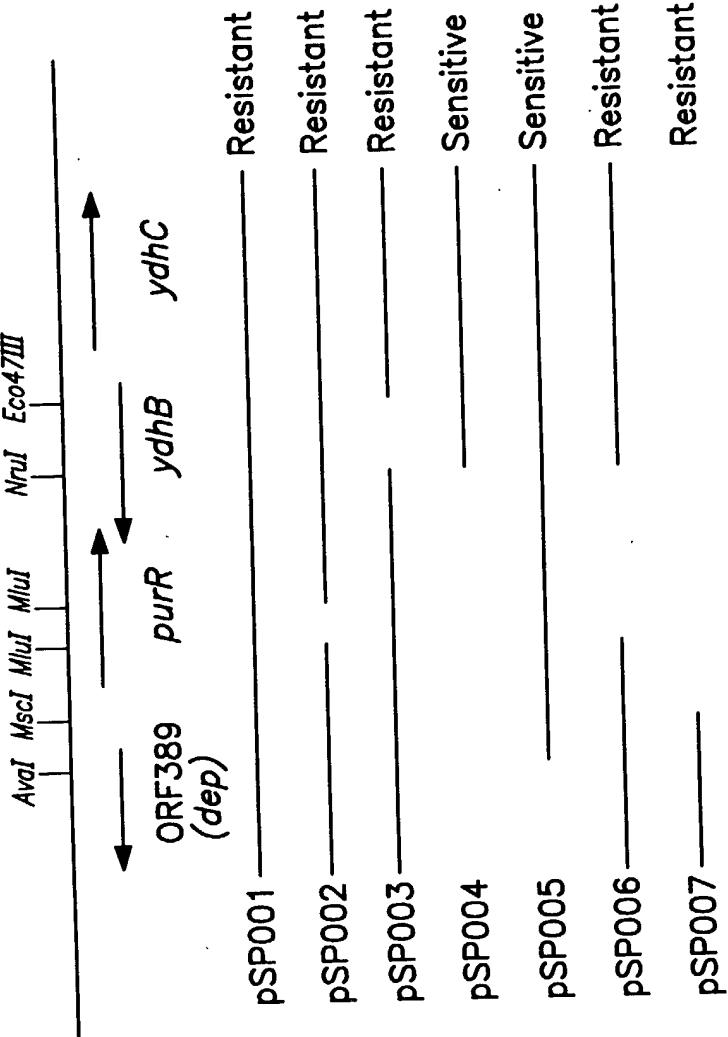


FIG. 3

II

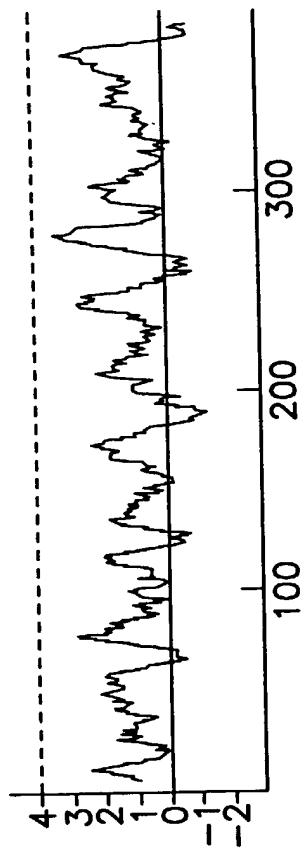
Dep	-MKTINPPLALATGAFGICCTTEFSNPGCLPVIAARGDVSPIAGMLISAVAVGVNG	APMTLILSRARRSALLFLMAMTFLG
Cmr	-PRAIVVLLIEVENQCNSEKUMLGICLTDIAODIQSSTPLAKLTSATAVGEIG	APLRA-SMMWORRRAI-TF-ITEMLV
CmrA	-PRAIVVLLIEVENQCNSEKUMLGICLTDIAODIQSSTPLAKLTSATAVGEIG	APLRA-SMMWORRRAI-TF-ITEMLV
Cml	-PRAIVVLLIEVENQCNSEKUMLGICLTDIAODIQSSTPLAKLTSATAVGEIG	APLRA-SMMWORRRAI-TF-ITEMLV
Cmx	-PRAIVVLLIEVENQCNSEKUMLGICLTDIAODIQSSTPLAKLTSATAVGEIG	APLRA-SMMWORRRAI-TF-ITEMLV
Cmv	-PRAIVVLLIEVENQCNSEKUMLGICLTDIAODIQSSTPLAKLTSATAVGEIG	APLRA-SMMWORRRAI-TF-ITEMLV
Bcr	-MPSPSAEPPTSTPPDGPAASPLVYIPLVQFGPPAGTQNT-STLIGEAGCQL	APLVAFAFREWSPLTIVCLVLYEAGS
Bmr3	-MDTTAKOASTKFKV	APLVAFAFREWSPLTIVCLVLYEAGS
Yic	-MPPDDORNGOANFSDEVEGTN.RONNO..A..VGAESVAMAILDTAINTALBSARD	APLVAFAFREWSPLTIVCLVLYEAGS
Tet	-MNTSYSONSHENQILWICL-EFTSYLNEMVNVSLPDANDFPPATIWNNAINTTS[.TA.YGKLSSDQLI.RLJAFG.LINCFIG	APLVAFAFREWSPLTIVCLVLYEAGS

4  
FIG

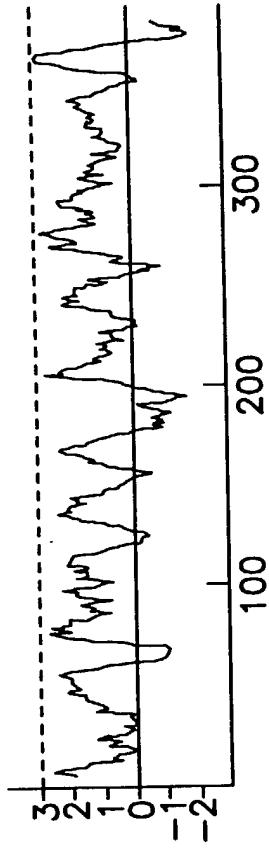
Tet	312	IGGIYDERRVPLVYALNFGVTFLELTASFLIETTSWMFIIIVVFLGGISFTKTVSTLISSELKQQEAAGMILNEST.ESGCGATLKGGLISTPLLDPRLLPE.
Dep	385	CYANS
Cmr	384	PALEEVPP-----
CmrA	384	SNOEIVPA-----
Cml	386	APAEVTR-----
Cnx	388	AEN-----
CmlV	409	PGRVARSERGAGGTPEPARGKATSSC-----
BcR	372	...MIW...SIAPCATS..SILFCLYASRKKR-----
Bmr3	354	PARTW..LTIFMM..ISGFVGGENSLL P..AASNNDLEPRR..GTANSTSFRSFGRMLGVITFGTVQTNVFTNIKNDAFSGMK G..SAGSGA..AQNIGPOE
YjCC	366	HAKPI..IAVIMMALCG G..GFFGFLS..PNORALMS..APTRSGAASEVTLGIRLIGOTGATL..VAFCLYSSDHGAETALRIGITAFAAGLYQOFVAAE.
Tet	421	EYDSTVLYSNLLLFSGITIVISWLVTNLKYHSQDF-----
Dep	390	-----
Cmr	392	-----
CmrA	392	-----
Cml	393	-----
Cnx	392	-----
CmlV	437	-----
BcR	397	-----
Bmr3	450	INFOGTRSQIPDAILRNRIIDAMSSITY VFLLLALIPIVIAAVTILFGKARYVTAENTPKAN
YjCC	462	.KADFEKKK P..LLVRLYSRINVPSPYLIF-----
Tet	459	-----

FIG. 4 (cont.)

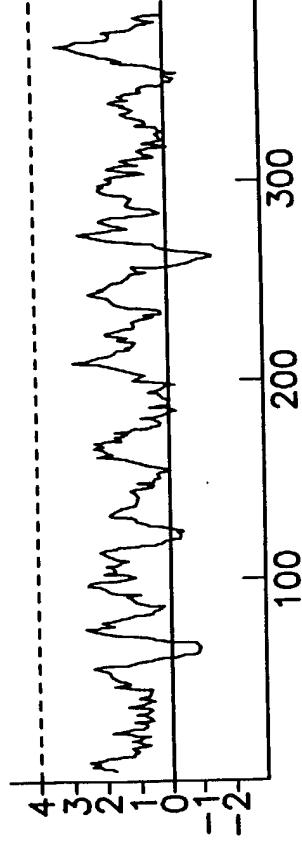
**FIG. 5A**



**FIG. 5B**



**FIG. 5C**



4381 gccagccact cttccagctg acgcacggta tagctgaccg cagaaggaac gcgatgcagc  
4441 tcctgtccg cagcgctaaa actaccatta cgcgctaccg catcaacaac ttgcagtgaa  
4501 tattctgacc acatagtctg cctgaaaaat ttttggaaacc agtcatcaaa tattaccgtt  
4561 tcacaacact aatttcactc cctacactt gggcggtgt ttaattgaga gatttagaga  
4621 atataatgc aacctggaa aagatttttta gtctggctgg cgggtttgag cgtactcggt  
4681 tttctgc当地 ccgatatagtta tctgcctgct ttgcgccca tacaggccga cctgcaaacg  
4741 cctgc当地 ctgtcagtgc cagccttagt ctgttccctt cgggtttgc cgagccccag  
4801 cttctgtggg gccc当地 ctcgaccgttat ggctgtaaac cggattattt aatcgccctg  
4861 acaatttttgc ctttaggtag tctggggatg ctgtgggttag aaaacgcccga tacgctgctg  
4921 gtattgc当地 ttgtacaggc tgggggtgtc tgccgc当地 cggatatctg gcaagcatta  
4981 gtgacagatt attatcctt acagaaaagtt aaccgtatatt ttgc当地 ccat catgccc当地  
5041 gtgggcttat ctccggact ggctcctctg ttaggaagct ggctgctggt ccattttcc  
5101 tggc当地 cga ttttgc当地 cctgttgc当地 attaccgtgg tgctgattct gcctat当地  
5161 tggctcaaaac ccacgacgaa ggccc当地 aatagtcaagg atggctgac ctttaccgac  
5221 ctgctacgat ctaaaaccta tcgccc当地 acgatccat cttccat cttccat  
5281 tttttgc当地 ggctgaccggg ttcaccgtt acctttagt aaatgggcta cagccccc当地  
5341 gttattgggtt taagttatgt cccgaaact atcgc当地 tgattgggtgg ttatggctgt  
5401 cggccccc当地 tccagaaatg gcaaggc当地 cagttattac cttccat cttccat  
5461 gctgtcagcg tcattgc当地 ctggctgcf ggcttcat cttccat cttccat  
5521 atcctgatcc cattctgtgt gatggc当地 gccaatggcg cgtatctacc tattttgt  
5581 gccc当地 cgc tccgtccctt cccacacgca actggctgcf cccgacgctt gcagaacact  
5641 cttcaactgg gtctgtgctt cctc当地 cttccat cttccat cttccat  
5701 acgc当地 tcaccaccac cagcgtatg ttatcaacag taatgtggt cggc当地  
5761 tacatgatgc aacgttgtga agaagttggc tgcc当地 atggcaatgc cgaatgc当地  
5821 catagc当地 aactgtggc tatatcgata tacttataact taggctgta aaaaaat  
5881 gttgtatgat tggaaatttgc ggcc当地 aatttcgatg tggaaatggc acgat  
5941 ttatgtttt acggggacag gatgttccc gactcaat gatgttcat ttccggcaagg  
6001 gttccctc当地 tccctctgtt ctacgtc当地 ttatagactc gggg当地 ctgc当地  
6061 tctcacaag cccaaaagc gtctacgctg ttttaagggtt ctgatcaccg accagtgt  
6121 gagaaactat gagttcatcg tggatggaa aagtcaatgtt accggatgac aactgg  
6181 gtatcgccaa cgaattactt agccgtccg gtatagccat taacggttct gccccgg  
6241 atattcgtgt gaaaaacccc gattttta aacgc当地 gcaagaaggc ttttgg  
6301 taggc当地 aatggatggat ggctggggg aatgtgaccg actggatatg tttttagca  
6361 aagtcttacg cgc当地 cccatca ttccaaagac acgctg  
6421 ttgc当地 cgc当地 tcgtctctt aatctgc当地 gtaaaaaacg tgccctggata  
6481 agcattacga tttgggtaat gactgttca gccgcatgct tgatccctt  
6541 cctgc当地 ctggaaagat gccgataatc tgaaatctgc ccagcaggcg aagct  
6601 tgattgtga aaaattgc当地 tttccatca ttccaaagac acgctg  
6661 ggggccc当地 ggc当地 cccatctt atggcatctt  
6721 tttctgc当地 acagaaaaaa atggctcagg aacgc当地 aggc当地  
6781 tgctgcaaga ttatcgatgc ctgaaacgacc agtttgc当地 tatttttct  
6841 tcgagcacgt cggaccgaaa aattacgata cctatttgc ggtgggat  
6901 aaccgaaagg catattc当地 ctccatata  
6961 atccctggat taataaataat attttccgaa  
7021 ctc当地 cccatctt  
7081 atactacgtt gatggc当地 tatgaacgat  
7141 actatagtga acgctttaaa cgaatgtt  
7201 tccgc当地 cccatctt  
7261 ttgc当地 tggatggc  
7321 gttctgtgc ctggattt  
7381 tctaccactg  
7441 ttcccaagag  
7501 gtgacttc当地  
7561 tatttcatca  
7621 aatatttgc  
7681 tcatcactga  
7741 agattggtaa

## FIG. 6A

7801 tccgtcacgg tcagggcagca accgttatgc gccacggaag caccggtttc caggccgtcc  
7861 agcatgtggt cgggtaactc caccacatgc gtacgaaaat ttggtttctc gtcaatcgac  
7921 accagtttg cggtgcctg tacaatcccc gtaaacatac ttacaactcc taaaatca  
7981 taagacattc tggtcagcac aatagcagg gaaaaacgcc cttaccagt aaggggtaag  
8041 aatggctatt ttttactgg agaattaata aatcctcgct acaatagact gaatttcccc  
8101 tgcttcttct ttttgcgcc cattcaggcg gcttttagt ctctcatata actacaaata  
8161 aaagggttgc acgtgcagaa gtatatca gaaagcgcgc tggtttagc attagcaatc  
8221 ccggtgattc tcgcgcaaat cgcccaaact gcgtgggtt ttgtcagttc cgtgatggcg

## FIG. 6B

[atgc aacctggaa aagatttta gtctggctgg cgggttttagt cgtaactcggt  
4681 ttcttggcaaa ccgatatgtt tctgcctgct ttgcggcca tacaggccga] cctgcaaaacg  
4741 cctgcgtctg ctgtcagtgc cagccttagt ctgttccctg ccgttttgc cgccagccag  
4801 ctcttgcggg ggccgcgttc cgaccgttat ggtcgtaaac cggattttt aatcgccctg  
4861 acaatttttgc cgtaggttag tctggggatg ctgtgggttag aaaaacgcgc tacgctgctg  
4921 gtattgcgtt ttgtacaggc tgggtgttc tgcggccgg cggttatctg gcaagcatta  
4981 gtgacagatt attatccttca acagaaagtt aaccgtattt ttgcggccat catgcccgtg  
5041 gtgggtctat ctccggcaact ggctcccttg ttaggaagct ggctgctggt ccattttcc  
5101 tggcaggcga ttttcggccac cctgtttggc attaccgtgg tgctgattct gcctattttc  
5161 tggctcaaaac ccacgcgaa gggccgttaac aatagtcagg atggctcgac ctttaccgac  
5221 ctgctacgtt ctaaaaccta tcgcggcaac gtgtgtat acgcagccctg ttcagccagt  
5281 tttttgcatt ggctgaccgg ttacccgttc atccttagt aatggggtaa cagccggca  
5341 gttattgggtt taagttatgt cccgcaact atcggtttc tgattgggtt ttatggctgt  
5401 cgcgcgcgcgc tgcagaaaatg gcaaggcagc cgttattac cgtgggttgc ggtgtgtt  
5461 gctgtcagcg tcattgcgc cttggctcg ggttcattt gccatgtgtc gctggctcgaa  
5521 atcctgatcc cattctgtgt gatggcgatt gccaatggcg cgtatctaccc tattgttgc  
5581 gcccaggcgcgc tgctccctt cccacacgcgca actggccgcg ccgcagcggtt gcagaacact  
5641 cttcaactgg gtctgtgtt cctcgcaagt ctggtagttt cctggctgtat cagttatcagc  
5701 acgccattgc tcaccaccac cagcgtgtat ttatcaacag taatgtgtt cgcgctgggt  
5761 tacatgatgc aacgttgtga agaagttggc tgccagaatc atggcaatgc cgaagtcgt  
5821 catagcgaat cacactga

## FIG. 7